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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Peled et al.

SERIAL NUMBER: 10/767,064 EXAMINER: Anoop Kumar Singh

FOR: EX-VIVO EXPANSION OF HEMATOPOIETIC STEM CELL POPULATIONS IN

ART UNIT: 1632

MONONUCLEAR CELL CULTURES

Mail Stop Amendment

JUL 1 8 2007

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO JANUARY 18, 2007 OFFICE ACTION

This paper is in response to the Office Action mailed January 18, 2007. A Petition for a Three-Month Extension of Time and the required fee are filed herewith. With the extension, a response is due on or before July 18, 2007. Applicants believe no additional fees are due with this submission. However, the Commissioner is hereby authorized to charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 24024-506 CON.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims, which begins on page 3 of this paper.

Remarks begin on page 12 of this paper.